

Converting Colors

`RYB(205, 226, 238)`

Have a look what the booklet for
RYB(205, 226, 238) contains.

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Color

R_YB(205, 226, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CDEEE0
RGB	205, 238, 224
RGB Percent	80%, 93%, 88%
CMY	0.1961, 0.0667, 0.1221
CMYK	0.14, 0.00, 0.06, 0.07
HSL	154°, 49%, 87%
HSV	154°, 14%, 93%
XYZ	69.1865, 79.5023, 82.1184
YIQ	226.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

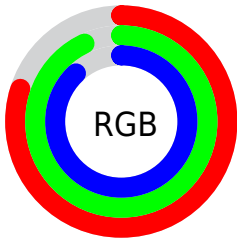
Format	Color
R _Y B	205, 226, 238
Decimal	13496032
CIE Lab	91.46, -13.42, 3.23
CIE LCh	91, 13.800, 166.472
Yxy	79.5023, 0.2998, 0.3445
Android (android.graphics.Color)	4291686112 (0xFFCDEEE0)
YUV	226.5370, -1.2507, -18.8879
Hunter-Lab	89.1640, -17.5306, 7.8099

Details

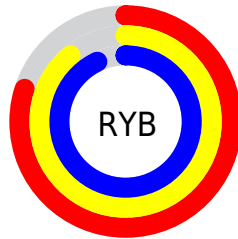
The RYB color **205, 226, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **238, 205, 219**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 171, 182** is the 20% darker color. If you saturate the color by 10%, you get **181, 217, 238**, and if you desaturate by 10%, it is **229, 235, 238**.

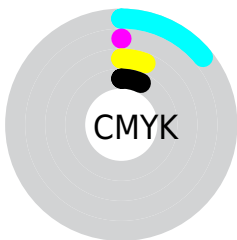
Distribution



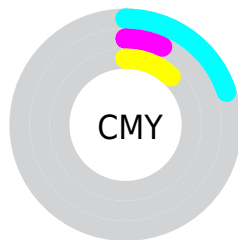
- Red (80%)
- Green (93%)
- Blue (88%)



- Red (80%)
- Yellow (89%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 226, 238 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 205, 226, 238 by changing the saturation by 10% instead.

■ 205, 226, 238

255, 255, 255

■ 205, 226, 238

■ 177, 198, 210

■ 151, 171, 182

■ 124, 144, 155

■ 99, 118, 129

■ 75, 93, 104

■ 52, 69, 80


■ 29, 46, 57

■ 7, 24, 35

■ 0, 10, 10

 205, 226, 238

 205, 226, 238

 181, 217, 238


 229, 235, 238

 157, 209, 238


 253, 238, 244


 134, 200, 238


 255, 238, 254


 110, 192, 238


 255, 238, 255

 86, 183, 238

 62, 174, 238

 38, 165, 238

 15, 157, 238

 0, 151, 238

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 236, 230



205, 226, 238



198, 218, 238

Triad

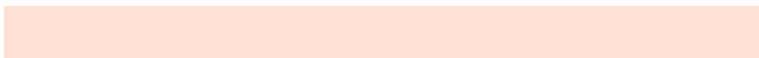
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 226, 238



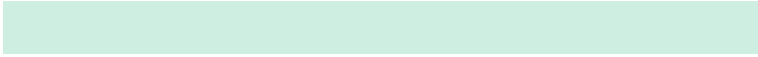
226, 229, 255



255, 229, 212

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



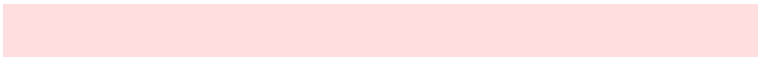
205, 226, 238



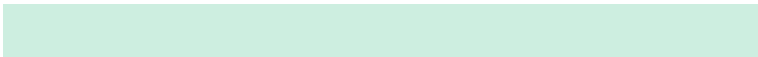
238, 205, 219

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 222, 224



205, 226, 238



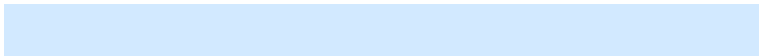
242, 225, 249

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



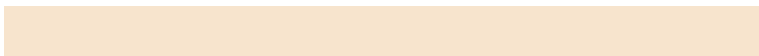
205, 226, 238



210, 225, 255



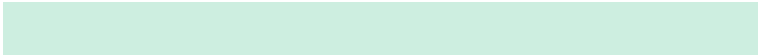
254, 222, 237



240, 247, 205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205, 226, 238



198, 220, 246



254, 222, 237



255, 225, 215

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



205, 226, 238



245, 251, 255



205, 238, 224



121, 125, 128



0, 0, 0



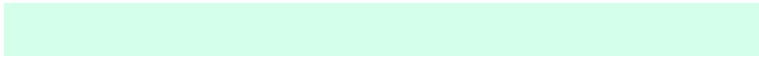
128, 128, 128

Same Dimension

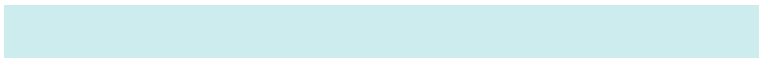
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 226, 238



212, 240, 255



205, 221, 238



108, 116, 120



0, 117, 184



0, 36, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



238, 205, 219



255, 212, 230



238, 207, 205



120, 108, 113



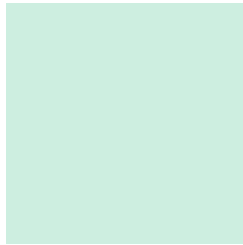
184, 0, 79



56, 0, 24

Previews

White Background



This preview shows how the RYB color 205, 226, 238 looks on a white background.

Color Contrast Check

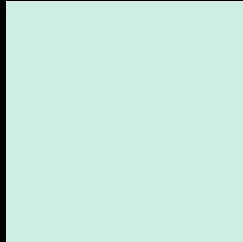
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 205, 226, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

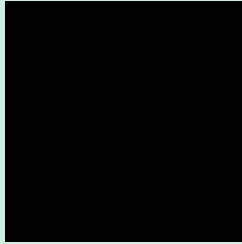
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

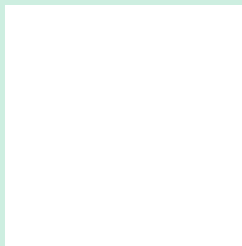
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 205, 226, 238 Background



This preview shows how black text looks on a background with the RYB color 205, 226, 238.

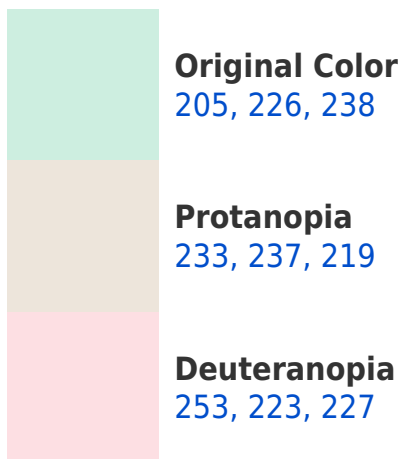


This preview shows how white text looks on a background with the RYB color 205, 226, 238.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

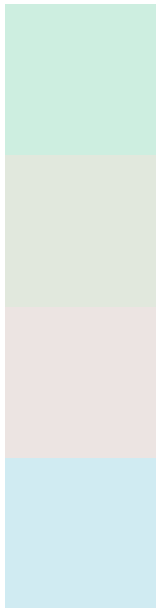
Dichromacy





Tritanopia
210, 225, 252

Trichromacy



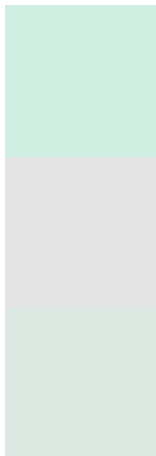
Original Color
205, 226, 238

Protanomaly
221, 232, 228

Deuteranomaly
236, 229, 226

Tritanomaly
208, 223, 242

Monochromacy



Original Color
205, 226, 238

Achromatopsia
227, 227, 227

Achromatomaly
219, 227, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 226, 238 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 224) }
```

Border

The CSS property to change the border of an element to RYB 205, 226, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

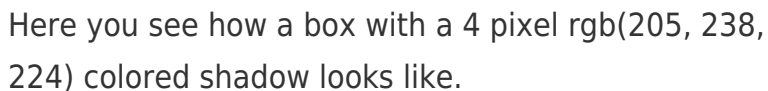
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 238, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 238, 224) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(205, 238, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 238, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 238, 224); box-shadow:4px 4px 4px 4px rgb(205, 238, 224) }
```

Background

The CSS property to change the background color of an element to RGB 205, 226, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
238, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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